

Work Order ID 86670

86670

Page 1

July-06-12 11:20:00 AM

Item ID: D2210-3-32 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Hose Assembly, Torquemeter
 Start Date: 7/06/12 Start Qty: 4.00 *4* Cust Item ID:
 Required Date: 8/10/12 Req'd Qty: 4.00 *4* Customer:
 Reference:

Approvals: Process Plan: Date: 12-07-6 Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2210	Rev B								

100 PURCHASING 0.00
 100
 Purchasing Memo 0.00
 Purchasing Issue P/O: 17381 Purchase part as per Dwg D2210
 Supplier: Aerocomponent, P/N 111417-3S-0320
 Release Note Required

CD 12/07/09 (4)

110 Receive & Inspect for Damage & Mat'l Certs 0.00
 110
 Packaging Memo 0.00
 Packaging Ensure Material Release Note is attached

CD 12/07/09 (4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 86670

86670

Page 2

July-06-12 11:20:00 AM

Item ID: D2210-3-32 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: Hose Assembly, Torquemeter
Start Date: 7/06/12 Start Qty: 4.00 *4* Cust Item ID:
Required Date: 8/10/12 Req'd Qty: 4.00 *4* Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC6- Inspect dimensions to drawing Memo	0.00 0.00	DAS 16 12/08/07						
130 *130* Small Fab Small Fab	Small Fab Memo Reverse metal ID tag and re-identify with Dart part number D2210-3-32 and batch number	0.00 0.00				4			JS 12/08/07
140 *140* QC Quality Control	QCS- Inspect part completeness to step on W/O Memo	0.00 0.00	SMB 12-8-07	DAS 16 12/08/07		4			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 86670

86670

Page 3

July-06-12 11:20:00 AM

Item ID: D2210-3-32 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Hose Assembly, Torquemeter
 Start Date: 7/06/12 Start Qty: 4.00 *4* Cust Item ID:
 Required Date: 8/10/12 Req'd Qty: 4.00 *4* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	Identify as per dwg & Stock Location: 191	0.00							
150									
Packaging	Memo	0.00							
Packaging									
160	QC21- Final Inspection - Work Order Release	0.00							
160									
QC	Memo	0.00							
Quality Control									

12/18/18 (4)

12/18/18
 MCJ 12/08/08

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

July-06-12 11:19:59 AM

Page 1

Work Order ID: 86670

Parent Item: D2210-3-32

Start Date: 7/06/12

Required Date: 8/10/12

Parent Item Name: Hose Assembly, Torquemeter

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP REV:A 12.05.02 NEW ISSUE DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
111417-3S-0320 HOSE ASS'Y		Purchased	No			110	Each	0.0000	1	4			

[Handwritten signature]

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



PREPARED M. Cohen	DART AERO ACCESSORIES INC VICTORIA INTERNATIONAL AIRPORT, CANADA
CHECKED	D2210 REV. B
DATE Aug. 19, 1994	TITLE MEDIUM PRESSURE HOSE SHEET 1 OF 1

RELEASED
90409 BW

SPEC CONTROL DRAWING

EQUIVALENT STANDARD HOSES

<u>MANUFACTURER</u>	<u>PART NUMBER</u>	<u>DIAMETER</u>	<u>LENGTH</u>
STRATOFLEX	111417	-XXS	-0YY0
AEROQUIP	360	-XX	-L-0YY0
<u>DART</u>	<u>D2210</u>	<u>-XX</u>	<u>-YY</u>

- Where:
1. **XX** represents the diameter of the hose in fractions.
 2. **YY** represents the length of the hose in inches.

ie: Stratoflex P/N 111417-3S-0320 = Aeroquip P/N 360-3-L-0320 = Dart P/N D2210-3-32
(3/16" diameter by 32" length)

Stratoflex P/N 111417-4S-0280 = Aeroquip P/N 360-4-L-0280 = Dart P/N D2210-4-28
(1/4" diameter by 28" length)

Re-identify hose as Dart P/N D2210 to suit.

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 86670
12076



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17381

Purchase Order Date 7/09/12

PO Print Date 7/09/12

Page Number 1 of 1

Order From :

VU-ROY001

VISA
PAYMENT CENTRE, PO BOX 4016, STAT. A
TORONTO,

Contact Name
Vendor Phone
Vendor Fax
Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms COD
Currency USD
FOB Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
06/20/12

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	111417-3S-0320	HOSE ASS'Y	7/20/12 Yes	4.00 Each	FedEx PI collect	\$48.1200	\$192.48

Special Inst: AS PER DWG D2210 REV. B
B86670
AEROCOMPONENT P/N: 111417-3S-0320

PO Total: \$192.48

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

PO Instructions: AEROCOMPONENT
VISA ACCT: 4514 0310 0909 0347 EXP DATE: 11/13

Change Nbr: 1

Change Date: 7/09/12

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required YES NO



Aero Component Engineering Co.



28887 Industry Dr, Valencia, California, 91355

Telephone (818) 841-9258 FAX (818) 841-2342

www.aerocomponent.com

e-mail: info@aerocomponent.com

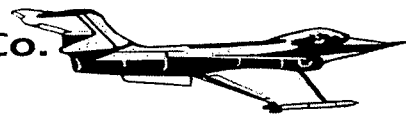
PACKING SLIP

DATE	PACK SLIP #
7/31/2012	55502

BILL TO
DART AEROSPACE LTD 1270 ABERDEEN STREET HAWKESBURY, ONTARIO K6A1K7 CANADA

SHIP TO
MAIN FINISHED GOODS LOCATION DART AEROSPACE LTD. 1270 ABERDEEN ST HAWKESBURY, ONTARIO K6A 1K7 CANADA

ORDER NUMBER	SHIP	VIA	JOB NUMBER
173381	7/31/2012	FED EX P1	037033
QUANTITY	DESCRIPTION		
4	111417-3S-0320		
MILITARY APPLICATION	ATTN ACCOUNTING DEPT / PURCHASING AGENT		



JOB ORDER NO.	037033	PO. NO.	171381
CUSTOMER	DART AEROSPACE	DESCRIPTION	HOSE ASSEMBLY
LOT QTY.		GAGE NO.	ACE011
SERIAL NO	N/A	CALIBRATION DATE	07/02/12
TODAY'S DATE	07/31/12		

PART NUMBER	TEST TYPE	QTY TESTED	REQD PRESSURE	REQD TIME	TEST PROCEDURE INSTRUCTIONS
111417-3S-0320	H	4	6000 PSIG	1 MIN	HOLD AT PRESSURE FOR 1 MIN

OF THOSE TESTED: QTY ACCEPTED: 4 QTY REJECTED: 0

TEST TYPES:	H = HYDROSTATIC XXX	AUW = AIR UNDER WATER	O = OTHER (SPECIFY)
-------------	------------------------	-----------------------	---------------------

TOTAL QTY ACCEPTED: 4		TOTAL QTY REJECTED: 0		REF. CAR.#
-----------------------	--	-----------------------	--	------------

TEST CONDUCTED BY:

07/31/2012

TEST DATE



28887 Industry Drive • Valencia, California 91355 • (818) 841-9258 • Fax (818) 841-2342 • www.aerocomponent.com

CERTIFICATION OF CONFORMANCE

CUSTOMER DART AEROSPACE PURCHASE ORDER NO. 173381

PART NUMBER 111417-3S-0320 (3Q11/ EXP 4Q19/ CONDITION-FN/ HOSE ASSY)

QUANTITY 4 EA

Validation/verification of installation eligibility is the responsibility of the end user. Item intended for military application only

1. ALL MATERIALS, PARTS OR COMPONENTS OF ASSEMBLIES HAVE BEEN INSPECTED AND COMPLY WITH THE PURCHASE ORDER REQUIREMENTS AND MEET ALL APPLICABLE SPECIFICATIONS BY REPORTS OR OTHER DOCUMENTATION ON FILE.
2. ALL SPECIAL PROCESS AND SPECIAL INSTRUCTIONS NECESSARY FOR COMPLETION OF THIS ORDER HAVE BEEN PERFORMED WITHIN THIS FACILITY OR BY THE SUBCONTRACTOR LISTED.

VENDOR _____ PROCESS _____

VENDOR _____ PROCESS _____

VENDOR _____ PROCESS _____

VENDOR _____ PROCESS _____

VENDOR _____ PROCESS _____

3. SUBCONTRACTOR CERTIFICATIONS HAVE BEEN VERIFIED AND ARE COMPLETE AND ACCURATE.

☐ ATTACHED

☐ ON FILE SUBJECT TO VERIFICATION

CAGE CODE 52529

07/31/2012

DATE _____

F025 Rev NC

BY _____

TITLE
O.C. MANAGER